



November 17, 2014

Sent via Electronic Mail

Ms. Charlene Falco
Illinois Environmental Protection Agency
Bureau of Land, #24
Federal Site Remediation Section
Federal Facilities Unit
1021 North Grand Avenue East
Springfield, IL 62702

Re: MONTHLY PROGRESS REPORT OCTOBER 2014
INTERIM CONSENT ORDER ACTIVITIES
DEPUE SITE, DEPUE, ILLINOIS

PEOPLE OF THE STATE OF ILLINOIS VS. HORSEHEAD IND., INC., ET AL.
CASE NUMBER 95 CH 18
SITE ID 0110300003 - BUREAU

Dear Ms. Falco:

This progress report is being submitted by ENVIRON International Corporation (ENVIRON), on behalf of the DePue Group. The attached revised report addresses the Interim Consent Order (ICO) activities conducted from October 1 through October 31, 2014 at the DePue Site. The report also indicates planned activities for the next reporting period.

This report complies with the requirements of the ICO, Section XVI, paragraph C, and Attachment 1, paragraph 12.

If you have any questions, please call.

Sincerely,

ENVIRON International Corporation

A handwritten signature in cursive script that reads "S. Hayter".

Scott Hayter
Principal Consultant

Attachment

**MONTHLY PROGRESS REPORT
FOR
OCTOBER 2014**

**INTERIM CONSENT ORDER ACTIVITIES
DEPUE SITE
DEPUE, ILLINOIS**

Prepared For:

Illinois Environmental Protection Agency
1021 North Grand Avenue, East
Post Office Box 19276
Springfield, Illinois 62794-9276

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- 1 copy – Eric Bryant, Village of DePue (electronic copy only)
- 1 copy – Tony Wlodarski, AMEC (electronic copy only)

I OPERABLE UNIT 1: SOUTH DITCH SEDIMENT

- Completed
- The DePue Group has started coordinating with the Illinois Environmental Protection Agency (IEPA) on issues regarding the five-year review.

II. OPERABLE UNIT 2: PHOSPHOGYPSUM STACK

Summary of Work Performed during the Reporting Period:

- Routine maintenance and monitoring activities continued at the phosphogypsum stack. These activities included pumping, observing, and recording flow and water levels, maintaining storm water diversion systems (catch basins, dams, and discharge piping), measuring flow and collecting samples at the Outfall 002 when applicable, inspecting, monitoring and maintaining groundwater collection and pumping systems, inspecting and maintaining cover integrity and supporting and maintaining the Health and Safety program.
- The center pivot irrigation system was shut down for the winter season on October 10, 2014.
- As of November 3, 2014, 148.3-million gallons of water had been discharged through the treatment wetland. Flow rates and discharge are logged daily, Monday through Friday and reported monthly to the IEPA.
- One sample was collected from Outfall 002 during October 2014.
- Received comments on the Groundwater Model Report from IEPA on October 8, 2014.
- The treatment wetland sprinkler system was shut down for the winter season on October 24, 2014
- Preparation of the Final Closure Plan.

Summary of Work Planned for the Next Reporting Period:

- Continue routine maintenance and monitoring activities within the Phosphogypsum Stack system.
- Continue preparation of the Final Closure Plan.
- Preparation of a response to IEPA comments on the Groundwater Model Report.

Problems Encountered/Resolved:

- None

Revisions to Scopes of Work and Schedules:

- None

Changes to Key Personnel, Consultants, Contractors, or Subcontractors:

- None

III. OPERABLE UNIT 3: PLANT SITE

Summary of Work Performed during the Reporting Period:

- Risk Assessment
 - The DePue Group submitted the Operable Unit (OU) 3 ecological endpoint memorandum to IEPA on October 1, 2014.

- The DePue Group received comments on the Operable Unit (OU) 3 ecological endpoint memorandum from IEPA on October 31, 2014.
- The DePue Group continued preparing the Human Health and Ecological Risk Assessments for OU 3.
- The DePue Group continued preparing the Bluff Area Sampling Report.
- Interim Water Treatment Plant (IWTP) Operations
 - The IWTP treated 562,917 gallons of water during October 2014. The influent and effluent data are included in Attachment 2:
 - Approximately 3,200 pounds of zinc were removed.
 - Approximately 180 pounds of manganese were removed.
 - Approximately 180 pounds of copper were removed.
 - The following activities were completed at the IWTP:
 - Routine operation and maintenance.
- Site Operations
 - The most recent OU3 site fence inspections were completed on October 30, 2014. There were no issues noted; all fencing was found secure and “No Trespassing” signs were intact. No repairs were necessary.

Summary of Work Planned for the Next Reporting Period:

- Risk Assessment
 - The DePue Group will continue evaluating the data from the Bluff Area Sampling Event.
- Interim Water Treatment Plant
 - The DePue Group will continue routine operation and maintenance at the IWTP.

Problems Encountered/Resolved:

- None

Revisions to Scopes of Work and Schedules:

- None

Changes to Key Personnel, Consultants, Contractors, or Subcontractors:

- None

IV. OPERABLE UNIT 4: OFF-SITE SOIL

Summary of Work Performed during the Reporting Period:

- Off-Site Soil Design Study
 - The DePue Group and IEPA held an availability session on October 1, 2014 to discuss the results of the Pilot Study with the participating residents.

Summary of Work Planned for the Next Reporting Period:

- Off-Site Soil Design/Pilot Study
 - The DePue Group will continue to work with IEPA to complete the Pilot Study Report. The revised report was submitted to IEPA on September 15, 2014.
 - The DePue Group will continue to work with IEPA to complete the Design Study Report.

Problems Encountered/Resolved:

- None

Revisions to Scopes of Work and Schedules:

- None

Changes to Key Personnel, Consultants, Contractors, or Subcontractors:

- None

V. OPERABLE UNIT 5: DEPUE LAKE AND FLOODPLAIN

Summary of Work Performed during the Reporting Period:

- DePue Lake Risk Assessments
 - The DePue Group completed the Surface Water Quality Monitoring Work on Lake DePue on October 14, 2014. The monitoring along with the supplemental studies are to address IEPA's comments on the Sediment Preliminary Remediation Goal (PRG) Technical Memorandum and to support completion of the OU5 Baseline Ecological Risk Assessment (BERA).

Summary of Work Planned for the Next Reporting Period:

- DePue Lake Risk Assessments
 - The DePue Group will begin evaluating the data collected during the Surface Water Quality Monitoring on Lake DePue.
 - The DePue Group will continue to work with IEPA toward finalizing the scope for additional investigations to support completion of the OU5 BERA.

Problems Encountered/Resolved:

- None

Revisions to Scopes of Work and Schedules:

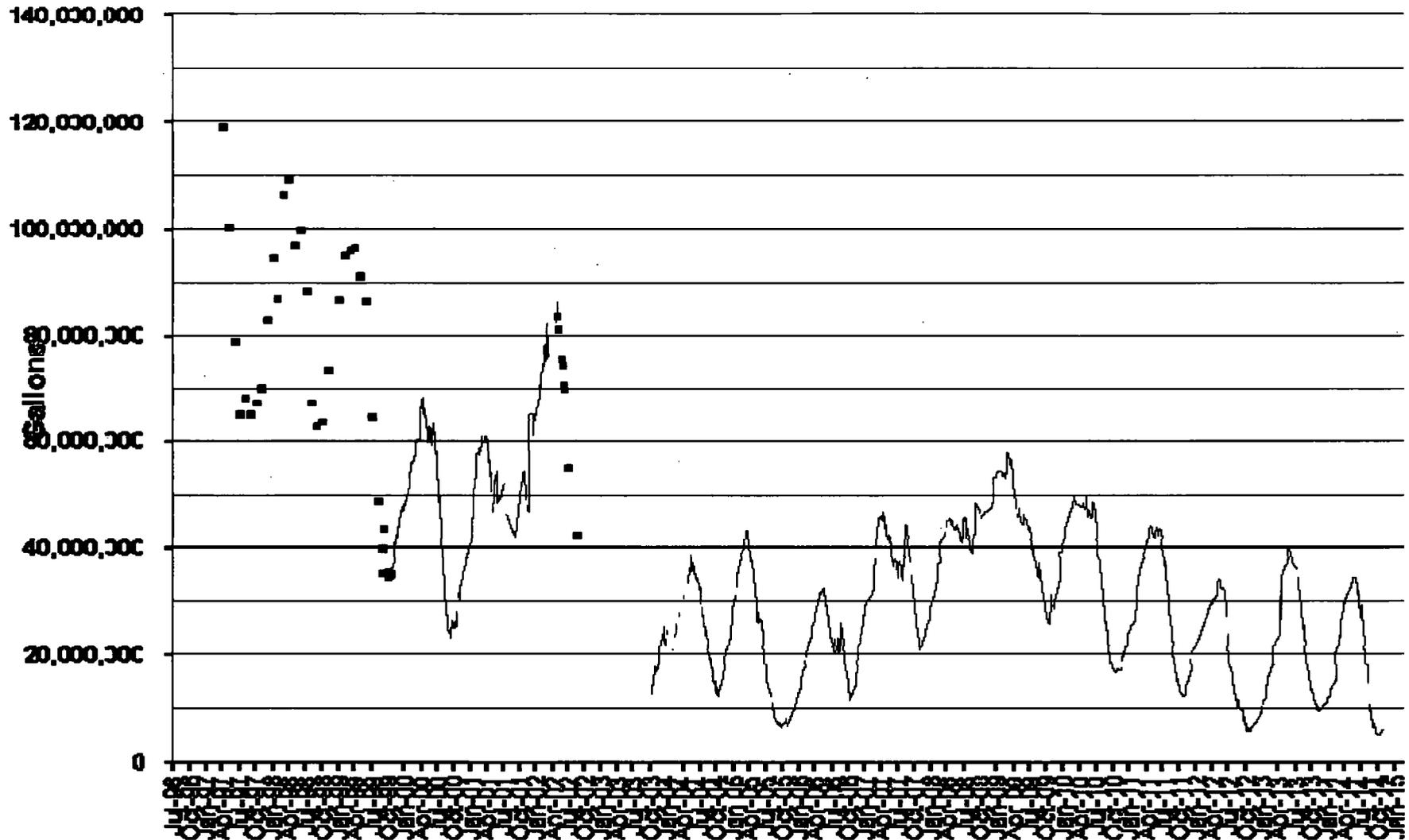
- Additional requirements necessary to address OU1 (South Ditch Sediments), if any, will be completed as part of the scope of work for OU5 (DePue Lake and Floodplain).

Changes to Key Personnel, Consultants, Contractors, or Subcontractors:

- None

Attachment 1
Gypstack

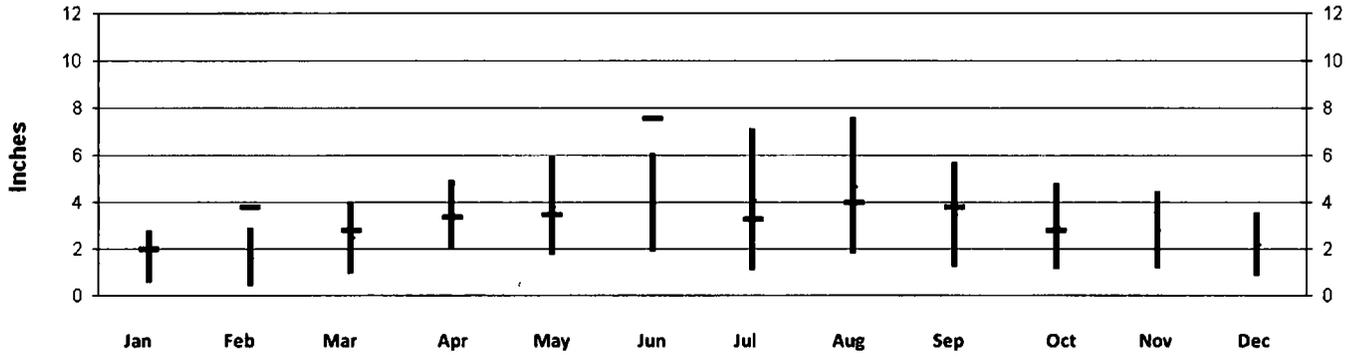
Surface-Water Volumes within the Phosphogypsum Stack System



1978 Through 2014 DePue Site Precipitation

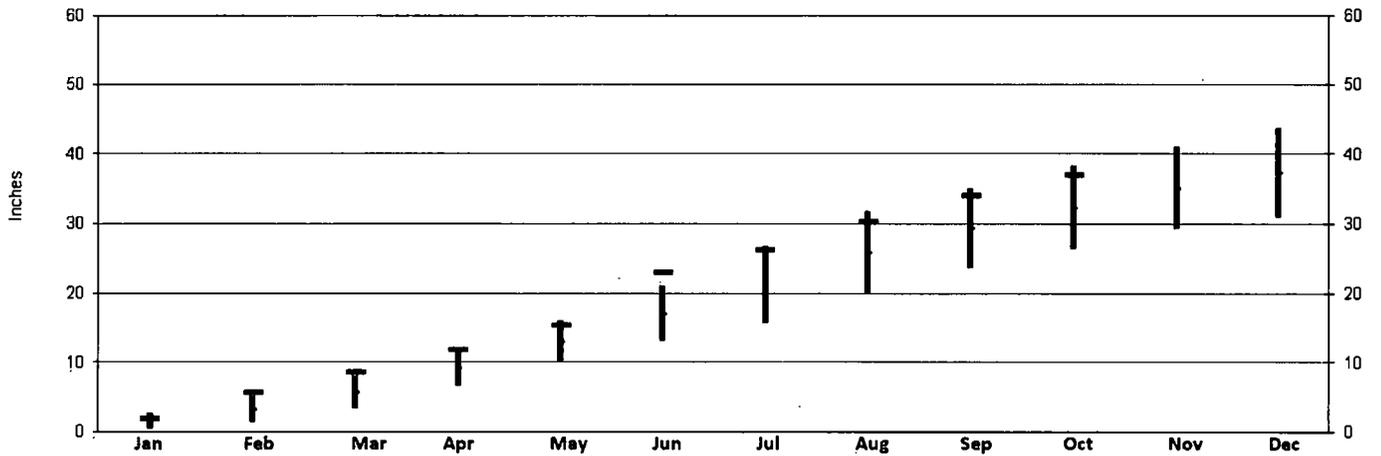
2014 Monthly Averages
(± 1 Standard Deviation)

Monthly Average (1978 - 2014)
- 2014 Monthly total



2014 Average Monthly Cumulative Totals
(± 1 Standard Deviation)

Average Monthly Cumulative Total (1978-2014)
- 2014 Monthly Cumulative Total



Analytical Results for Samples Collected at the 002 Outfall (mg/L)

Sample Collection Date	pH (S.U.)	Total Dissolved Solids (mg/L)	Total Phosphorus (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Ammonia-Nitrogen (mg/L)	Unionized Ammonia (mg/L)
1/13/14	6.18	295	0.683	0.430	94.2	<0.0600	<0.00100
3/12/14	7.65	226	0.154	0.365	54.8	0.708	0.00319
3/24/14	7.62	346	1.03	0.431	102	0.243	0.00158
4/03/14	7.73	332	0.770	0.444	76.2	0.220	0.00199
4/10/14	8.26	461	0.567	0.614	128	0.142	0.00574
4/17/14	8.74	478	0.631	0.589	173	0.120	0.0168
5/05/14	8.86	493	1.01	0.444	159	0.186	0.0477
5/12/14	8.61	513	0.596	0.626	139	0.130	0.0285
5/19/14	8.72	474	0.341	0.556	143	0.0760	0.0124
6/2/14	7.80	1000	1.25	0.802	134	0.140	0.00614
6/11/14	8.39	505	0.409	0.448	122	0.197	0.0178
6/16/14	7.78	549	1.85	0.681	163	0.109	0.00274
6/20/14	8.43	413	<0.100	0.412	87.3	0.135	0.0164
6/30/14	8.63	291	0.834	0.408	38.0	0.171	0.0365
7/01/14	8.43	338	0.335	0.325	42.6	0.151	0.0162
7/02/14	8.45	400	0.287	0.366	51.2	0.217	0.0260
7/14/14	8.12	466	0.558	0.632	98.3	0.130	0.00920
9/10/14	8.61	358	2.98	0.484	72.6	0.135	0.0260
10/14/14	7.94	498	0.705	0.573	160	0.103	0.00279
Former Permit IL 0032182 Limits	6.5 – 9	1,000	Report	1.4	500	15	0.04

Analytical Results for Samples Collected Quarterly at the Duck Pond, Lower Swale, Upper Swale, Clear Water Pond (mg/L)

Sample Collection Date	pH (S.U.)	Total Dissolved Solids (mg/L)	Total Phosphorus (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Ammonia-Nitrogen (mg/L)
Duck Pond						
2/27/14	No sample collected, pond frozen					
5/19/14	7.80	498	0.170	0.651	98.4	0.142
8/04/14	8.54	328	<0.0500	0.517	26.5	0.184
Lower Swale						
2/27/14	7.28	3100	63.4	3.51	1960	40.8
5/19/14	7.30	2420	63.7	3.60	1260	38.5
8/04/14	7.45	2750	202	4.17	1280	15.7
Upper Swale						
2/27/14	7.30	3730	64.3	4.14	2350	72.0
5/19/14	7.35	3350	61.2	3.89	2050	49.4
8/04/14	7.44	4320	95.2	3.42	2570	31.5
Clear Water Pond						
2/27/14	No sample collected, pond frozen					
5/19/14	7.33	1830	40.1	3.89	1070	20.8
8/04/14	7.25	2740	64.8	4.17	1500	12.2

Attachment 2
Summary of Sampling Results
DePue Interim Water Treatment Plant

Interim Consent Order Report
October, 2014
Summary Of Analytical Results
DePue Interim Water Treatment Plant

Influent Data (mg/L)

Date	TSS	Cadmium	Copper	Iron	Manganese	Nickel	Lead	Zinc	pH- std units	Lift Station Flow (gpm)
01/07/14	50	1.8	50	2.0	53	1.1	<1.0	1,000	5.88	10
02/04/14	31	1.4	51	4.1	46	<1.0	<1.0	930	5.98	10
03/04/14	140	1.2	47	1.6	45	1.0	<1.0	870	6.01	54
04/01/14	33	1.6	43	9.5	39	1.0	<1.0	870	5.86	36
05/06/14	160	1.6	49	4.1	40	1.5	1.1	820	6.01	32
06/03/14	110	1.4	46	2.6	40	<1.0	<1.0	780	5.88	22
07/01/14	190	0.6	18	4.3	15	<1.0	<1.0	800	5.80	25
08/05/14	22	1.6	45	1.5	48	<1.0	<1.0	950	5.96	20
09/02/14	96	1.3	41	2.4	36	<1.0	<1.0	670	5.84	14
10/07/14	46	1.0	40	2.5	40	<1.0	<1.0	700	5.80	11
YTD Average	88	1.4	43	3.5	40	1.1	1.0	839	5.90	23

Notes:

1. Values preceded by "<" were not detected greater than the laboratory method detection limit shown.

Interim Consent Order Report
October, 2014
Summary Of Analytical Results
DePue Interim Water Treatment Plant

Effluent Data (mg/L)

Date	TSS	Cadmium	Copper	Iron	Manganese	Nickel	Lead	Zinc	pH - std units
01/07/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.28	7.44
01/14/14	5.6	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.28	7.00
01/21/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.18	7.04
01/28/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.29	7.00
02/04/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.39	7.20
02/11/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.28	6.96
02/18/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.17	7.00
02/25/14	<4.0	<0.02	<0.10	<0.10	0.12	<0.10	<0.10	0.23	7.04
03/04/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.22	7.22
03/11/14	<4.0	<0.02	<0.10	<0.10	0.19	<0.10	<0.10	0.57	7.04
03/18/14	<4.0	<0.02	<0.10	<0.10	0.94	<0.10	<0.10	1.10	7.00
03/25/14	<4.0	<0.02	<0.10	<0.10	0.11	<0.10	<0.10	0.29	7.00
04/01/14	<4.0	<0.02	<0.10	<0.10	0.12	<0.10	<0.10	0.32	7.04
04/08/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.20	6.98
04/15/14	<4.0	<0.02	<0.10	<0.10	0.10	<0.10	<0.10	0.32	7.14
04/22/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.33	6.96
04/29/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.26	7.00
05/06/14	10.0	<0.02	<0.10	<0.10	0.10	<0.10	<0.10	0.59	7.44
05/13/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.29	6.88
05/21/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.53	7.00
05/28/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.22	7.42
06/03/14	4.9	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.49	7.00
06/10/14	5.6	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.39	7.00
06/17/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.43	7.62
06/24/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.45	7.66
07/01/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.29	7.16
07/08/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.26	7.64
07/15/14	11.0	<0.02	0.10	<0.10	0.12	<0.10	<0.10	0.76	7.00
07/23/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.46	7.02
07/30/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.46	7.06
08/05/14	7.2	<0.02	0.20	<0.10	0.29	<0.10	<0.10	1.40	7.00
08/12/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.44	7.24
08/19/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	1.10	7.06
08/26/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.35	7.00
09/02/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.23	7.66
09/09/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.24	7.00
09/16/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.23	7.00
09/23/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.27	7.66
09/30/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.19	7.00
10/07/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.15	7.00
10/14/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.15	7.40
10/21/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.20	7.09
10/28/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.28	7.02

YTD Avg	4.5	0.02	0.10	0.10	0.13	0.10	0.10	0.39	7.14
Oct Avg	4.0	0.02	0.1	0.1	0.1	0.1	0.1	0.20	7.13
Oct Max	4.0	0.02	0.1	0.1	0.1	0.1	0.1	0.28	7.40

DISCHARGE LIMITS (mg/l)

	TSS	Cadmium	Copper	Iron	Maganese	Nickel	Lead	Zinc	pH-std units
Daily Max	30	0.3	1	4	2	2	0.4	2	6-9
Monthly Avg	15	0.15	0.5	2	1	1	0.2	1	6-9

Notes:

1. Values preceded by "<" were not detected greater than the laboratory method detection limit shown.

Interim Consent Order Report
 October, 2014
 Summary Of Analytical Results
 DePue Interim Water Treatment Plant

Influent Data (mg/L)

Date	TSS	Cadmium	Copper	Iron	Manganese	Nickel	Lead	Zinc	pH- std units	Lift Station Flow (gpm)
01/07/14	50	1.8	50	2.0	53	1.1	<1.0	1,000	5.88	10
02/04/14	31	1.4	51	4.1	46	<1.0	<1.0	930	5.98	10
03/04/14	140	1.2	47	1.6	45	1.0	<1.0	870	6.01	54
04/01/14	33	1.6	43	9.5	39	1.0	<1.0	870	5.86	36
05/06/14	160	1.6	49	4.1	40	1.5	1.1	820	6.01	32
06/03/14	110	1.4	46	2.6	40	<1.0	<1.0	780	5.88	22
07/01/14	190	0.6	18	4.3	15	<1.0	<1.0	800	5.80	25
08/05/14	22	1.6	45	1.5	48	<1.0	<1.0	950	5.96	20
09/02/14	96	1.3	41	2.4	36	<1.0	<1.0	670	5.84	14
10/07/14	46	1.0	40	2.5	40	<1.0	<1.0	700	5.80	11
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Notes:

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Interim Consent Order Report
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DePue Interim Water Treatment Plant

Effluent Data (mg/L)

Date	TSS	Cadmium	Copper	Iron	Manganese	Nickel	Lead	Zinc	pH - std units
01/07/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.28	7.44
01/14/14	5.6	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.28	7.00
01/21/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.18	7.04
01/28/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.29	7.00
02/04/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.39	7.20
02/11/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.28	6.96
02/18/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.17	7.00
02/25/14	<4.0	<0.02	<0.10	<0.10	0.12	<0.10	<0.10	0.23	7.04
03/04/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.22	7.22
03/11/14	<4.0	<0.02	<0.10	<0.10	0.19	<0.10	<0.10	0.57	7.04
03/18/14	<4.0	<0.02	<0.10	<0.10	0.94	<0.10	<0.10	1.10	7.00
03/25/14	<4.0	<0.02	<0.10	<0.10	0.11	<0.10	<0.10	0.29	7.00
04/01/14	<4.0	<0.02	<0.10	<0.10	0.12	<0.10	<0.10	0.32	7.04
04/08/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.20	6.98
04/15/14	<4.0	<0.02	<0.10	<0.10	0.10	<0.10	<0.10	0.32	7.14
04/22/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.33	6.96
04/29/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.26	7.00
05/06/14	10.0	<0.02	<0.10	<0.10	0.10	<0.10	<0.10	0.59	7.44
05/13/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.29	6.88
05/21/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.53	7.00
05/28/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.22	7.42
06/03/14	4.9	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.49	7.00
06/10/14	5.6	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.39	7.00
06/17/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.43	7.62
06/24/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.45	7.66
07/01/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.29	7.16
07/08/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.26	7.64
07/15/14	11.0	<0.02	0.10	<0.10	0.12	<0.10	<0.10	0.76	7.00
07/23/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.46	7.02
07/30/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.46	7.06
08/05/14	7.2	<0.02	0.20	<0.10	0.29	<0.10	<0.10	1.40	7.00
08/12/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.44	7.24
08/19/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	1.10	7.06
08/26/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.35	7.00
09/02/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.23	7.66
09/09/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.24	7.00
09/16/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.23	7.00
09/23/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.27	7.66
09/30/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.19	7.00
10/07/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.15	7.00
10/14/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.15	7.40
10/21/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.20	7.09
10/28/14	<4.0	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	0.28	7.02

YTD Avg	4.5	0.02	0.10	0.10	0.13	0.10	0.10	0.39	7.14
Oct Avg	4.0	0.02	0.1	0.1	0.1	0.1	0.1	0.20	7.13
Oct Max	4.0	0.02	0.1	0.1	0.1	0.1	0.1	0.28	7.40

DISCHARGE LIMITS (mg/l)

	TSS	Cadmium	Copper	Iron	Maganese	Nickel	Lead	Zinc	pH-std units
Daily Max	30	0.3	1	4	2	2	0.4	2	6-9
Monthly Avg	15	0.15	0.5	2	1	1	0.2	1	6-9

Notes:

1. Values preceded by "<" were not detected greater than the laboratory method detection limit shown.